

02 MAR 2004

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/27985

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 3/00, 13/00; H04N 5/445  
US CL : 725/50, 54

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 725/39, 50, 54, 82, 85, 94, 100, 114, 115, 119, 131, 134, 138, 139, 142, 144, 145, 151

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No.  |
|------------|--|------------------------|
| X          | US 5,630,119 A (ARISTIDES et al.) 13 May 1997 (13.05.1997), Abstract, column 1, lines 37-58; column 2, lines 24-28, 34-37, 59-61, & line 67 - column 3, line 5; column 3, lines 20-22 and 37-38; column 4, lines 29-42 and 49-55; column 5, line 43 - column 6, line 9; column 6, lines 20-61. | 1-2, 4-8, 11-12, 14-18 |
| Y          | US 5,418,782 A (WASILEWSKI) 23 May 1995 (23.05.1995), column 5, lines 10-15; column 6, lines 28-41; column 7, lines 1-22, and line 58 - column 8, line 27; column 8, lines 60-64; column 9, lines 12-26.   | 3, 9, 10, 13, 19, 20   |
| Y          | US 5,905,942 A (STOEL et al.) 18 May 1999 (18.05.1999), Abstract, column 1, lines 29-41 & 59-65; column 2, lines 3-24; column 6, lines 42-51.  | 3, 9, 13, 19           |
| A          | US 5,038,211 (HALLENBECK) 06 August 1991 (06.08.1991), Abstract, column 1, lines 13-18; column 1, line 56 - column 2, line 17; column 2, lines 27-32; column 2, line 51 - column 3, line 29.   | 10, 20                 |
| A          | US 5,619,274 A (ROOP et al.) 08 April 1997 (08.04.1997), column 1, lines 42-61; column 2, lines 47-63; column 6, lines 13-30; column 10, lines 33-46; and column 104, line 63 - column 105, line 27.   | 1-20                   |

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is considered to be of particular relevance

"B" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is considered with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of same patent family

Date of the actual completion of the international search

30 April 2004 (30.04.2004)

Date of mailing of the international search report

27 MAY 2004

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INTERNATIONAL SEARCH REPORT

PCT/US03/20035

**Continuation of B. FIELDS SEARCHED Item 3:**

USPTO Internal - search terms: electronic program guide, EPG, program guide, PG, headend, head-end, head end, mini-headend, server, receiver, subscriber, STB, set top box, store, storing, stored, cache, ram, memory, limited memory, channel, channel change, tune, tuning, channel tuning, channel tune, buffer